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Br. 11,740

1898

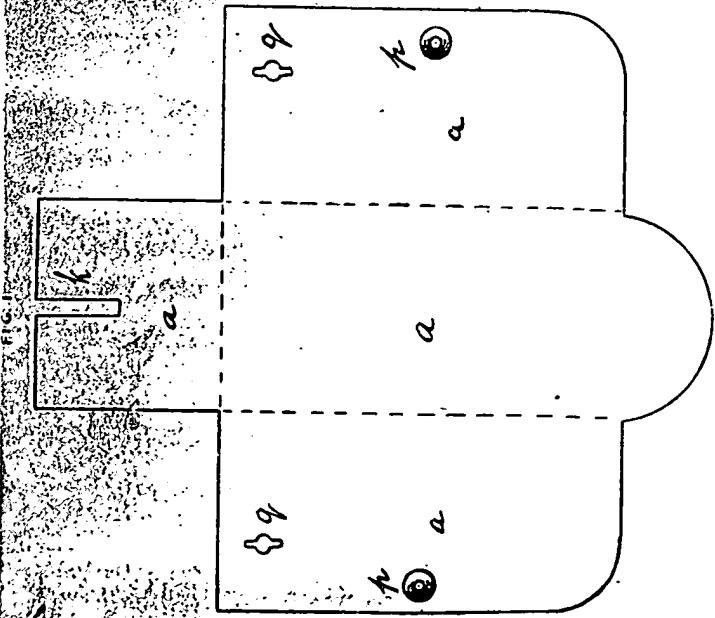
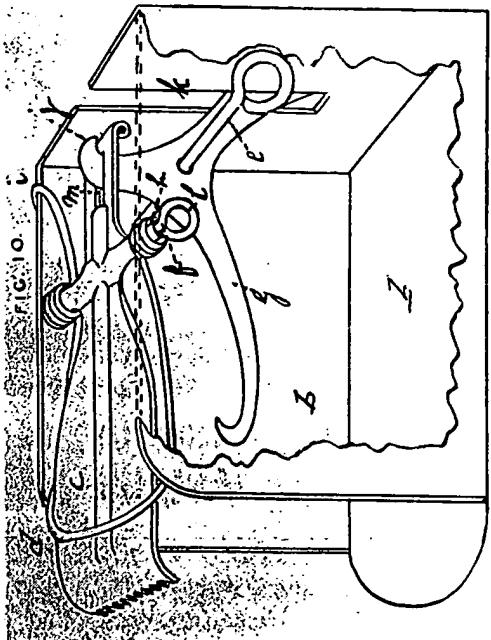


FIG. 8

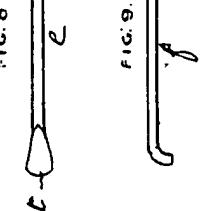


FIG. 9

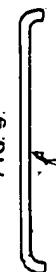


FIG. 7

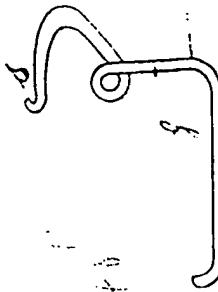


FIG. 6

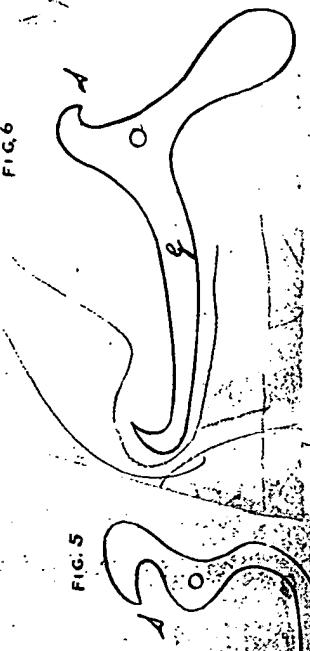


FIG. 4

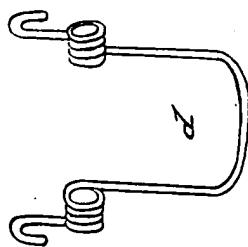


FIG. 3

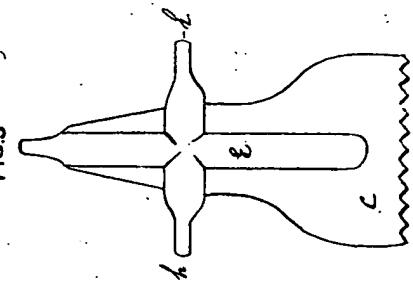
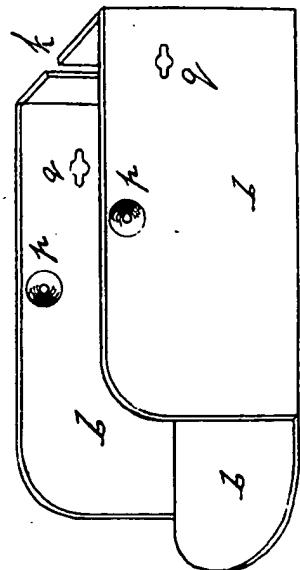


FIG. 2



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*Dupl*  
43. FISHING & TRAPPING.  
Impalement Traps.

N° 11,740



S.D.A.D. 1898

*DUPLICATE*

Date of Application, 24th May, 1898

Complete Specification Left, 24th Feb., 1899—Accepted, 1st Apr., 1899

PROVISIONAL SPECIFICATION.

Improvements in a Mouse Trap and such like.

SAMUEL BOTT, Grosvenor Road, Aston, Birmingham, Engineer, & CHARLES TURNER, Fazeley Street, Birmingham, Pattern Maker, do hereby declare the nature of this invention to be as follows:—

The object of our improvements is to make a mouse trap or a rat trap & such like, which shall be readily, & quickly cleansed, by washing so as to remove all smell & traces of mice therefrom by making the trap in tin. Also the door or lid of the trap is so made, with teeth, that when it falls it will brake the mouse back & so kill at once. In carrying out our invention, in mouse & rat traps & such like, we cut from tin or metal, or other material a large blank, with sides & 5 a slotted end to form the trap, in each side. We pierce two holes therein, one near the bottom end, & the other at the middle top, round this hole, the surface is sunken. The two sides & one end, we turned up at right angle to the bottom base, forming a box with three sides soldered together, at the corners, or otherwise fastened. We form a metallic lid or door trap, its front is broad, its edge 10 are faced with teeth, its centre is concaved underneath, with extending arms & each arm is formed into a tube, its tail end is half round in form with a slight indentation on its upper stem. We form from spring wire a lever spring, one inch long more or less on its front & bend therefrom at each point, at right angle, then at another inch, more or less, we form a spiral spring & a hook. We 15 make a twisted hook bate holder.

Operation: We place the ends of the spiral springs upon the tube ends of the lid, & put the same toward inside the sunken holes of the tin box, with the spring end hooks clipping the side of the trap. Then push a bar, through the holes in the side of the trap & through the arm tubes, & concave of the lids centre & 20 the square of the lever spring acts with force, which bangs the lid, with its teeth upon the base of the bottom of the trap, & if a mouse be there, the force of the teeth will kill it. The twisted hook bate holder, is placed between the slotted end of the trap, & held in position by a bar, through the bottom holes in the side of the trap, & one end rests upon the indented tail of the lid, & the end 25 carries the bate.

Dated this 23rd May 1898.

J. T. B. BENNETT,  
4, Cherry Street, Birmingham, Agent for the Applicants.

COMPLETE SPECIFICATION.

35

Improvements in a Mouse Trap and such like.

SAMUEL BOTT, Grosvenor Road, Aston, Birmingham, Engineer, & CHARLES TURNER, Fazeley Street, Birmingham, Pattern Maker, do hereby declare the  
[8d.]

*Bott and Turner's Improvements in a Mouse Trap and such like.*

nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The object of our improvements is to make a mouse, or rat, trap, & the like, which shall be readily, & quickly cleansed, by washing, so as to remove all smell, & traces of the vermin therefrom—by making the traps in tin, or iron or steel, 5 also the lid or door of such traps are made, with teeth, that when such falls the lid, will brake the animal neck or back & so kill it.—In carry out our invention in mouse & rat traps & the like, we cut from tin or iron—or steel or other metal or material—a large blank, with sides & a slotted end, to form the trap, in each side, we pierce two holes therein—one is slotted, to carry the bar, of the bate 10 wire, & the other at the middle top, round this hole, the surface is sunken, or coned. The two sides, & one end—we turn up at right angle to the bottom base, forming the trap, or box. The sides & end may be soldered together, at the corner's, or otherwise fastened or only simply closed—we form a metallic lid, or door trap, its front broad, & its edge thereof bent, & faced with teeth, its centre 15 is concaved, or fluted underneath, with extending arms likewise fluted, & the end of each arm, is formed into a tube, for their end's to work, in the coned holes on the sides of the trap. The tail end, of the lid, or door, is half round in form with slight indentation on its upper stem—or the end, of the tail may be pierced—or otherwise formed, so as to hold the bate hook in position. We form 20 from spring wire, a lever spring, one inch long, more or less, on its front, & bend therefrom at each point, at right angle, then at another inch more or less, we form a spiral, & a hook. We make a twisted wire or bent hook bate holder, or cut the bate holder from sheet metal. The cross bar which holds in position, the bate hook, one end thereof is formed into a ring, & the other end is made 25 flat, so as to go through the slotted sides of the trap, & when turned therein, will not work out.

It is understood that any mere modification, we shall adopt for carrying out our invention.

In order that our invention, may be fully understood we will more particularly 30 describe it, with the aid, of the accompanying drawings in which similar parts are marked, with like letters of reference.

Fig. 1, represents a plan of the mouse or rat trap's blank. Fig. 2, represents a side elevation of the blank formed into a mouse trap. Fig. 3, represents a front elevation of the lid of the trap. Fig. 4, represents an elevation of the lever 35 spring. Figs. 5, 6, & 7, represents various elevations of the bate holders. Fig. 8, represents an elevation of the cross bar, which holds in position the bate hook. Fig. X represents an elevation of the bar, which holds the lid of the mouse or rat trap in position. Fig. 10 represents side section removed to show the in side working parts. 40

a blank, b trap, c lid, d lever spring, e cross bar, f bar holding lid, g bate holder, h tube end of arm, i hook of the lever spring holding same to the side of the trap, j bate holder keeping lid open, k slot in the end of the trap, l ring in bar of the rat trap, m slot in the end of the lid, n coned hole in the side the trap, for the arm to work therein & fluted lid, o hook in holder, to keep open 45 the lid of the trap, p flat end in cross bar.

Having now particularly described & ascertained the nature of our said invention, & in what manner the same is to be performed we declare that what we claim is:—

1st. To make a mouse trap, in sheet tin, or iron—or steel—with its required 50 connections.

2nd. To make a rat trap, in sheet tin, or iron or steel,—with its required connections.

3rd. To make a mouse trap as set forth, described & illustrated by the use of the various parts. 85

*Bott and Turner's Improvements in a Mouse Trap and such like.*

- 4th. To make a rat trap, as set forth, described & illustrated at Figure 10.
- 5th. The combination & arrangement of the various parts herein described, & illustrated for use in a mouse, or rat trap.
- 6th. The separate parts herein described & illustrated in Figures 1, 2, 3, 4, 5,  
5 6, 7, 8, & 10.

Dated this 23rd day of February 1898.

J. T. B. BENNETT,  
4, Cherry Street, Birmingham,  
Agent for the Applicants.

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